INTRODUCTION

This PCI multi-I/O card uses the high performance PCI based peripheral controller chipset from SystemBase company, enabling this card to be installed on any desktop PC with PCI bus interface. Most of the latest motherboards no longer come with a serial port. By using this card, user can add serial ports to their computer for connecting their serial devices. The product offers superior performance and unmatched data transfer rates. It is also ideal for industrial automation applications.

FEATURES AND SPECIFICATION

General

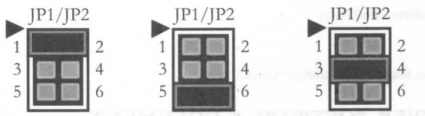
- Easy installation, automatically selects IRQ and I/O address
- Fully compliant with PCI Local Bus Specification Revision 2.3
- Supports PCI power management
- Supports PCI IRQ sharing feature, saves valuable resources for other add-on cards
- Supports multiple cards on one PC
- Jumper (JP3) for enable / disable the second serial port COM2 (Available on 2-port model only)
- Supports Windows 98SE, ME, 2000 SP4, XP 32/64-bit, Server 2003 32/64-bit, Vista 32/64-bit, Server 2008 32/64-bit, Linux kernel 2.6.14 or above

Serial Port (RS-232) Interface

- Compatible with industrial standard 16C550 UART
- On-chip 256-byte depth FIFO in Transmit & Receive paths of each port
- Fast data rate up to 115.2Kbps on each port
- Supports hardware and software flow control
- Supports 5-, 6-, 7-, 8-bit serial format
- Supports Even, Odd, None, Space & Mark parity
- Supports 1, 1.5, or 2 Stop bit operation
- Optional jumpers (JP1, JP2) for setting RI, +5V, or +12V on pin 9 of each serial port DB9 connector (Available on special models)

HARDWARE INSTALLATION

1. For special models with optional jumper (JP1, JP2), refer to the below figure to select the function of the 9th pin of each DB9 serial port connector:



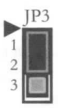
DC +5V

DC +12V

RS232 RI (Default)

Warning: Please check your serial equipment / device carefully for power voltage requirement

2. For 2-Port model only: Configure JP3 jumper cap to enable/disable COM2 serial port



COM2 Enable (Default)

COM2 Disable

3. Turn off your computer and all devices connected to it.
4. Remove the computer's cover. Please refer to your computer user's manual for more details.
5. Locate an un-used PCI slot and remove the metal bracket. Save the bracket screw for later use.
6. Align the card horizontally with respect to the PCI slot and insert it into the slot firmly and evenly. Take care not to force it into the slot. Once you have properly positioned the card into the slot, secure the card with the bracket screw you have saved.
7. Replace the computer's cover.
8. Turn your computer on. You are now ready to install the driver!

DRIVER INSTALLATION

Installing Driver for Windows XP, Vista, Server 2003, and Server 2008:

1. Start Windows and insert the driver CD into the optical drive (assuming the optical drive is at D:).
2. Windows will automatically detect the product. Select **"Locate and install driver software (recommended)"** and click Continue. If OS couldn't automatically search and download driver from Windows Update, then select **"I don't have the disc. Show me other options"**.
3. Click on **"Browse my computer for driver software (advanced)"**, and then browse to the following folder on the driver CD.

   Assuming the operating system used is Windows Vista 32bit:
   D:\SystemBase\WinXP_Server2003_Vista_Server2008\Window32bit
   For 64-bit operating systems, the drivers are located under this folder:
   D:\SystemBase\WinXP_Server2003_Vista_Server2008\Window64bit

4. Click the **Next** to continue.
5. Follow the on-screen instruction until the driver is install completely.
6. Select **"Install this driver software anyway"** when Vista prompt the following: Windows can't verify the publisher of this driver software.
7. Finally click **Close** when all the drivers have been installed.

Installing Driver for Windows 98SE, ME, and 2000 SP4:

1. Start Windows and insert the Driver CD into the optical drive (assuming the optical drive is at D:).
2. Windows will automatically detect the product. Select **"Search for the best driver for you device (Recommended)"** and click the **Next** button to continue.
3. Check **"Specify a location"** and then click the **Browse** button to select the location for the drivers. Assuming the operating system used is Windows 98SE, the folder on driver CD should be:
   D:\SystemBase\Win98SE_ME_2K
4. Click **OK** button to confirm and click Next button to continue.
5. Follow the on-screen instruction to finish driver installation.

Installing Driver for Linux:

Please see the documentation on the driver disc folder: \SystemBase\Linux\

GETTING THE LATEST DRIVER, SOFTWARE & DOCUMENT

To get the latest driver, software and document, please visit the following website:

http://www.drivers-download.com

In "Drivers Search" section, please enter the Download code (DL code): **DL-0385102** to search for the latest driver, software and document.

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